

MALTE RING

University of Tübingen,
Faculty of Economics and Social Sciences, Chair of Economic Education
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ACADEMIC POSITIONS

Since 09/2024	Acting Chair Chair of Economic Education
Since 11/2020	Research associate (Postdoc) University of Tübingen, Faculty of Economics and Social Sciences, Chair of Economic Education
06/2017 – 10/2021	Research associate (Predoc) University of Tübingen, Faculty of Economics and Social Sciences, Tübingen School of Education, Chair of Economic Education

EDUCATION

06/2017 – 11/2020	PHD RESEARCH PROJECT University of Tübingen, Faculty of Economics and Social Sciences, Chair of Economic Education (Prof. Dr. Taiga Brahm) Dissertation: Visual Representations in Economic Education From An Interdisciplinary Perspective
10/2011 – 04/2017	TEACHER STUDIES, STATE EXAMINATION University of Tübingen Political & Economic Science Biology Educational Science

RESEARCH INTERESTS

- Modeling and analyzing representational and graph competencies in economics
- Helping learners in better understanding (multiple) representations
- Supporting future teachers in developing high-quality video explanations for economic and business education

TEACHING EXPERIENCE

Topic	Course	Type	Study Program	Term
Teaching Economics and Business	Economics Education	Lecture	University of Tübingen, Bachelor of Education	Winter 22 Winter 21 Winter 20 Winter 19
	Teaching Business and Economics I -1 (Lesson Planning)	Seminar	University of Tübingen, Bachelor of Education	Winter 22 Winter 21
	Teaching Business and Economics I -2 (Digital Media)	Seminar	University of Tübingen, Bachelor of Education	Summer 23 Summer 22 Summer 21
	Teaching Business and Economics II -2 (Teaching in heterogeneous groups)	Seminar	University of Tübingen, Master of Education	Summer 23 Summer 22
	Teaching Business, Economics and Law	Lecture	University of Jena Economics & Law (State exam.)	Winter 21
Statistics and scientific work	Methodical Propaedeutic 2 - Statistics	Lecture	University of Tübingen, Bachelor of Education	Summer 23
	Seminar for Bachelor thesis	Seminar	University of Tübingen, Bachelor of Education	Winter 23 Summer 23
Economics and Business	Advanced studies in economics	Seminar	University of Tübingen, Master of Education	Winter 23

ACTIVITIES AND MEMBERSHIPS

Since 01/2022	Member of the Ethics Committee, Faculty of Economics and Social, University of Tübingen
01/2022 – 01/2024	Junior Researcher Representative @Deutsche Gesellschaft für Ökonomische Bildung (DeGÖB)
Since 10/2021	Member of the Postdoctoral Academy for Research on Education (PACE) of the Hector Research Institute, University of Tübingen
Since 01/2020	Member of Deutsche Gesellschaft für Ökonomische Bildung (DeGÖB)
Since 08/2018	Member of the European Association for Learning and Instruction (EARLI)
03/2018 – 03/2020	PhD Representative at the Tübingen School of Education (TüSE)
Since 07/2017	Member of the LEAD Graduate School and Research Network (Learning, Educational Achievement, and Life Course Development)
Since 07/2017	Member of the Tübingen School of Education (TüSE)

PUBLICATIONS

ARTICLES IN PEER-REVIEWED JOURNALS

- (1) **Ring, M.**, & Oberrauch, L. (2024). Measuring Economic Graph Competence. *International Review of Economic Education*. <https://doi.org/10.1016/j.iree.2024.100302>
- (2) **Ring, M.**, & Brahm, T. (2024). Supporting Preservice Economics Teachers in Creating High-quality Instructional Videos. *Journal of Digital Learning in Teacher Education*. <https://doi.org/10.1080/21532974.2023.2245064>
- (3) **Ring, M.**, & Brahm, T. (2022). A Rating Framework for the Quality of Video Explanations. *Technology, Knowledge and Learning*. <https://doi.org/10.1007/s10758-022-09635-5>
- (4) **Ring, M.**, Brahm, T., Richter, J., Scheiter, K., & Randler, C. (2022). Does Active or Passive Signaling Support Integration of Text and Graphs? *Applied Cognitive Psychology* (36), 43–58. <https://doi.org/10.1002/acp.3896>
- (5) **Ring, M.**, & Brahm, T. (2020). Logical pictures in secondary economic education: textbook analysis and teacher perception. *RISTAL Research in Subject-Matter Teaching and Learning* (3), 86–107. <https://doi.org/10.23770/rt1836>
- (6) Brahm, T., **Ring, M.**, & Rudeloff, M. (2020). Mögliche Ausgestaltung der reflexiven Wirtschaftsdidaktik für die Lehrer*innenbildung an allgemeinbildenden Schulen. *Zeitschrift Für Pädagogik* (6), 873–893. <https://doi.org/10.3262/ZP2006873>
- (7) **Ring, M.**, Brahm, T., & Randler, C. (2019). Do difficulty levels matter for graphical literacy? A performance assessment study with authentic graphs. *International Journal of Science Education*, 41(13), 1787–1804. <https://doi.org/10.1080/09500693.2019.1640915>

ARTICLES IN HANDBOOKS AND OTHER JOURNALS

- (1) **Ring, M.** (2023). Erklärvideos in der Ökonomischen Bildung. In T. Brahm & C. Wiepcke (Eds.), *Handbuch digitale Instrumente der Ökonomischen Bildung* (S. 131–144). Wochenschau Verlag.
- (2) Burghardt, Y. & **Ring, M.** (2023). Digitale Schaubilder in der Ökonomischen Bildung: Data Storytelling. In T. Brahm & C. Wiepcke (Eds.), *Handbuch digitale Instrumente der Ökonomischen Bildung* (S. 163–176). Wochenschau Verlag.
- (3) Brahm, T., **Ring, M.** & Bullinger, L. (2023). Diagramme im Unterrichtsgespräch am Beispiel der Besprechung einer Klassenarbeit im Geographieunterricht. In M. Syring, N. Beck, T. Bohl & B. Tesch (Eds.), *Schriftenreihe der Tübingen School of Education: Bd. 3. Klasse 6b. Eine Unterrichtswoche. Bildungswissenschaftliche und fachdidaktische Analysen* (S. 197–208). <https://doi.org/10.15496/publikation-75413>
- (4) Brahm, T., Oberrauch, L., **Ring, M.**, & Scherzinger, L. (2022). Reflexive Wirtschaftsdidaktik – Reflexion in verschiedenen Facetten der ökonomischen Bildung. In: Brahm, T. Iberer, U., Kärner, T., & Weyland, M. (Eds.). *Ökonomisches Denken lehren und lernen. Theoretische, empirische und praxisbezogenen Perspektiven* (S. 7-23). Bielefeld: wbv. https://doi.org/10.3278/9783763973088_49
- (5) Schreiber, F. & **Ring, M.** (2022). Wirtschaftsdidaktik – Aufgaben und Verortungen. Systematische Annäherung an den Begriffsgebrauch in drei wirtschaftsdidaktischen

Zeitschriften. GWP – Gesellschaft. Wirtschaft. Politik, 71(1-2022), 97–106.
<https://doi.org/10.3224/gwp.v71i1.11>

- (6) Rudeloff, M., Brahm, T. & **Ring, M.** (2021). Potenzialanalysen als Instrument der beruflichen Orientierung – Herausforderungen und Weiterentwicklungspotenziale. In U. Weyland, B. Ziegler, K. Driesel-Lange & A. Kruse (Eds.). *Entwicklungen und Perspektiven in der Berufsorientierung - Stand und Herausforderungen. Berichte zur beruflichen Bildung AG BFN*.

DISSERTATION

- (1) **Ring, M.** (2020). Visual Representations in Economic Education From an Interdisciplinary Perspective [Dissertation, Eberhard Karls Universität Tübingen].
<http://dx.doi.org/10.15496/publikation-51233>

OPEN EDUCATIONAL RESOURCES

- (1) Brahm, T., **Ring, M.**, & Schild, K. (Eds.) (2024). Wirtschaft unterrichten. Offenes Lehrbuch für Wirtschaftsdidaktik. www.wirtschaft-unterrachten.de
- (2) Brahm, T., **Ring, M.**, & Rudeloff, M. (Eds.) (2021). *Offenes Lehrbuch zur Wirtschaftsdidaktik*. Tübingen. http://hdl.handle.net/10900.3/OER_RZHFCLM

CURRENT CONFERENCE CONTRIBUTIONS (SELECTION)

2024

- **Ring, M.**, Brahm, T. & Schöer, V. (2024). Studying Economics with a Head Start? Analyzing Gender, Language, and Math Skills as Predictors of Students' Graph Competence in South Africa., AEA Conference on Teaching and Research in Economic Education. 05/2024 (Atlanta, USA)
- **Ring, M.** & Schopf, S. (2024). Gestaltungsempfehlungen für Erklärvideos zur Vermittlung wirtschaftlicher Inhalte. Jahrestagung Deutsche Gesellschaft für Ökonomische Bildung (DeGÖB). Februar 2024 (Essen, Germany).
- **Ring, M.**, Brahm, T. & Schöer, V. (2024). Determinanten der ökonomischen Diagrammkompetenz von südafrikanischen Studierenden. Jahrestagung Gesellschaft für Empirische Bildungsforschung (GEBF), März 2024 (Potsdam, Germany).

2023

- (1) **Ring, M.** & Oberrauch, L. (2023). What Makes Graph Tasks Difficult in Economics? Results from a Graph Competence Assessment Study. Part of the symposium: Teaching and Learning Economics with Visual Representations, EARLI, 08/2023 (Thessaloniki, Greece).
- (2) **Ring, M.**, Kourtoglou, A. & Brahm, T. (2023). Achse für Achse – Fördert der schrittweise Aufbau von wirtschaftlichen Graphen in Erklärvideos deren vertieftes Verständnis? Part of the symposium: Qualitätsmerkmale und Wirksamkeit von Erklärvideos. Gesellschaft für Empirische Bildungsforschung (GEBF), 03/2023 (Essen, Germany).
- (3) **Ring, M.** (2023). Erstellung von Erklärvideos als Lerngelegenheit für angehende Wirtschaftslehrkräfte. Jahrestagung Deutsche Gesellschaft für Ökonomische Bildung (DeGÖB). 02/2023 (Tübingen, Germany).